

**RULE 63 (37 C.F.R. 1.63)**
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

THERMAL BARRIER COATING

the specification of which (check applicable box(es)):

- ☐ is attached hereto
☒ was filed on July 31, 2001 as U.S. Application Serial No. 09/917,796 (Atty. Dkt. No. 839-856)
☐ was filed as PCT International application No. _____ on _____
and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all communications in this matter be directed to:
NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000.

1. Inventor's Signature: [Signature] Date: 10/30/01
Inventor: Jon C. Schaeffer USA
(first) (last) (citizenship)
Residence: (city) Greenville (state/country) South Carolina
Mailing Address: 5 Sunning Hill Road, Greenville, South Carolina
(Zip Code) 29681

2. Inventor's Signature: _____ Date: _____
Inventor: Robert W. Bruce USA
(first) (last) (citizenship)
Residence: (city) Loveland (state/country) Ohio
Mailing Address: 221 Woodcrest Drive, Loveland, Ohio
(Zip Code) 45140

☐ **See attached sheet(s) for additional inventor(s) information!!**

839-856
17MY-7007Nixon & Vanderhye P.C. (10/99)
(Domestic Assigned) Page 1

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THERMAL BARRIER COATING

the specification of which (check applicable box(es)):

- ☐ is attached hereto
☒ was filed on July 31, 2001 as U.S. Application Serial No 09/917,796 (Atty. Dkt No 839-858)
☐ was filed as PCT International application No. on
 and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/385 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application.

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- Inventor's Signature:** _____ **Date:** _____

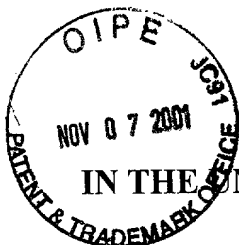
Inventor: Jon C. Schaeffer **USA**
 (first) (last) (citizenship)

Residence: (city) Greenville (state/country) South Carolina
Mailing Address: 5 Sunning Hill Road, Greenville, South Carolina
 (Zip Code) 29681
- Inventor's Signature:** *Robert W. Bruce* **Date:** 11/6/01

Inventor: Robert W. Bruce **USA**
 (first) (last) (citizenship)

Residence: (city) Loveland (state/country) Ohio
Mailing Address: 221 Woodcrest Drive, Loveland, Ohio
 (Zip Code) 45140

☐ See attached sheet(s) for additional inventor(s) information!!



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHAEFFER et al

Atty. Ref.: 839-856

Serial No. 09/917,796

Group: Unassigned

Filed: July 31, 2001

Examiner: Unassigned

For: THERMAL BARRIER COATING

* * * * *

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY
AND EXCLUSIVE PROSECUTION HEREAFTER BY
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints Nixon & Vanderhye, P.C., 1100 North Glebe Rd., 8th Floor, Arlington, Virginia 22201-4714, telephone number (703) 816-4000, facsimile number (703) 816-4100, and the following attorneys thereof (of the same address) individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent: Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393;

Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; Gary T. Tanigawa, 43180; James Mitchell, 25602, General Electric Co., 3135 Easton Turnpike (W3C), Fairfield, CT 06431; James E. McGinness, 33260, GE Wilmington Facility, P.O. Box 780, Mail Code A11, Wilmington, NC 28401; Ronald E. Myrick, 26315, General Electric Co., 3135 Easton Turnpike (W3C), Fairfield, CT 06431; Jay Chaskin, 24030, General Electric Co., 3135 Easton Turnpike (W3D62), Fairfield, CT 06431; Ernest G. Cusick, 39476, General Electric Co., 1 River Road, Bldg. 37, 5th Floor, Schenectady, NY 12345; Henry J. Policinski, 26621, General Electric Co., 3135 Easton Turnpike (W3E), Fairfield, CT 06431-0001; Bernard Snyder, 24843, General Electric Co., 3135 Easton Turnpike (W3E), Fairfield, CT 06431-0001; and Catherine J. Winter, 38364, General Electric Co., 3135 Easton Turnpike (W3E), Fairfield, CT 06431-0001.

I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

Certificate Under 37 C.F.R. §3.73(b)

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

GENERAL ELECTRIC COMPANY

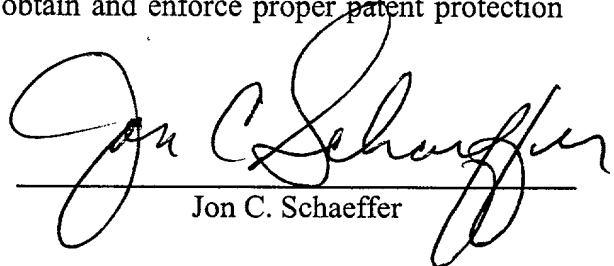
October 20, 2001 By: Ernest G. Cusick
Date Name: Ernest G. Cusick
Title: Patent Counsel

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, Jon C. Schaeffer and Robert W. Bruce of 5 Sunning Hill Road, Greenville, South Carolina 29681 and 221 Woodcrest Drive, Loveland, Ohio 45140, respectively, sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in THERMAL BARRIER COATING invented by us, as described in the application for United States Patent, which was filed on July 31, 2001 as Serial Number: 09/917,796

and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

10/30/01
Date


Jon C. Schaeffer

Witnessed by:

Name: _____ Date: _____

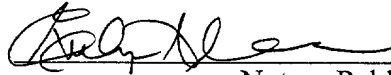
Name: _____ Date: _____

South Carolina
STATE OF ~~New York~~)

Greenville
COUNTY OF ~~Schenectady~~)

ss):

This 30th day of October, 2001, before me personally came the above-named, Jon C. Schaeffer, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



Notary Public

My Commission Expires: 2005

Date

Robert W. Bruce

Witnessed by:

Name: _____ Date: _____

Name: _____ Date: _____

STATE OF New York)

ss):

COUNTY OF Schenectady)

This _____ day of _____, 2001, before me personally came the above-named, Robert W. Bruce, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public

My Commission Expires: _____